

WEST

Generate Collection

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L3: Entry 32 of 157

File: USPT

Jun 4, 2002

DOCUMENT-IDENTIFIER: US 6401192 B1

TITLE: Apparatus for software initiated prefetch and method therefor

Detailed Description Text (19):

Software hint prefetch unit 302 may simultaneously process more than one prefetch request. PCR [O] 442 includes a data value indicating that more than one prefetch request can be in process simultaneously. PCR [O] 442 may be implemented in an embodiment of data processor 100 which may perform multiple memory fetches as the same time. If PCR [O] 442 is reset, prefetch accesses will be serialized. PCR [O] 442 may be a predetermined number, R bits wide. In an embodiment of the present invention, R may be one bit.